

Converting Colors

CIELCh(32, 24.725, 132.124)

Have a look what the booklet for
CIELCh(32, 24.725, 132.124)
contains.

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Color

CIELCh(32, 24.847, 132.736)

Conversions

Conversions Part 1

Format	Color
Hex	3A522E
RGB	58, 82, 46
RGB Percent	23%, 32%, 18%
CMY	0.7735, 0.6794, 0.8205
CMYK	0.29, 0.00, 0.44, 0.68
HSL	100°, 28%, 25%
HSV	100°, 44%, 32%
XYZ	5.2183, 7.0852, 3.6536
YIQ	70.7200, -2.7480, -16.2840

Conversions

Conversions Part 2

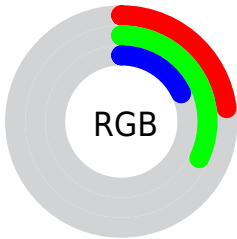
Format	Color
R_{YB}	46, 82, 70
Decimal	3822126
CIE _{Lab}	32.00, -16.86, 18.25
CIE _{LCh}	32, 24.847, 132.736
Yxy	7.0852, 0.3270, 0.4440
Android (android.graphics.Color)	4282012206 (0xFF3A522E)
YUV	70.7200, -12.1870, -11.1554
Hunter-Lab	26.6180, -11.5876, 10.4943

Details

The CIELCh color $32, 24.847, 132.736$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $23, 25.710, 316.395$, and the grayscale version is $30, 0.005, 296.813$.

A 20% lighter version of the original color is $52, 25.385, 132.782$, and $12, 24.302, 133.257$ is the 20% darker color. If you saturate the color by 10%, you get $32, 30.228, 132.261$, and if you desaturate by 10%, it is $33, 19.287, 133.223$.

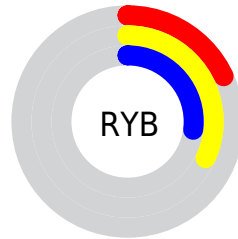
Distribution



Red (23%)

Green (32%)

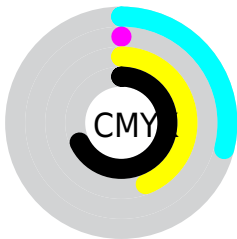
Blue (18%)



Red (18%)

Yellow (32%)

Blue (27%)

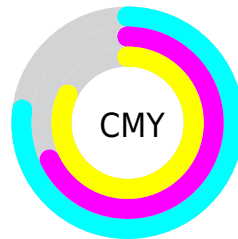


Cyan (29%)

Magenta (0%)

Yellow (44%)

Black (68%)



Cyan (77%)

Magenta (68%)


Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 24.847, 132.736 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 32, 24.847, 132.736 by changing the saturation by 10% instead.


 32, 24.847,
132.736


 32, 24.847,
132.736

 100, 24.847,
132.736

 22, 24.847,
132.736

 52, 24.847,
132.736


 12, 24.847,
132.736


 62, 24.847,
132.736

 2, 24.847, 132.736

 72, 24.847,
132.736

 0, 24.847, 132.736

 82, 24.847,
132.736

 92, 24.847,
132.736

■ 32, 24.847,
132.736

■ 32, 24.847,
132.736

■ 32, 30.228,
132.261

■ 33, 19.287,
133.223

■ 31, 35.312,
131.838

■ 33, 13.630,
133.693

■ 31, 39.946,
131.531

■ 34, 7.940, 134.135

■ 30, 43.939,
131.429

■ 34, 2.262, 134.565

■ 30, 47.315,
131.464

■ 35, 3.369, 314.860

■ 30, 49.401,
131.277

■ 36, 8.930, 315.199

■ 37, 14.403,
315.489

■ 38, 19.777,
315.742

■ 39, 25.043,

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



32, 24.847, 132.736



23, 25.710, 316.395

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32, 24.847, 132.736



32, 24.847, 182.736



32, 24.847, 312.736



32, 24.847, 2.736

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



32, 24.848, 132.737



44, 9.205, 134.159



30, 16.395, 85.893



22, 6.369, 134.099



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32, 24.848, 132.737



41, 37.035, 132.221



31, 24.521, 146.140



16, 3.155, 134.359



38, 58.925, 131.758



81, 106.855, 132.702

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



23, 25.710, 316.395



28, 38.624, 316.780



24, 24.544, 331.907



15, 3.181, 314.984



17, 62.364, 316.862



42, 112.315, 316.191

Previews

White Background



This preview shows how the CIELCh color 32, 24.847, 132.736 looks on a white background.

Color Contrast Check

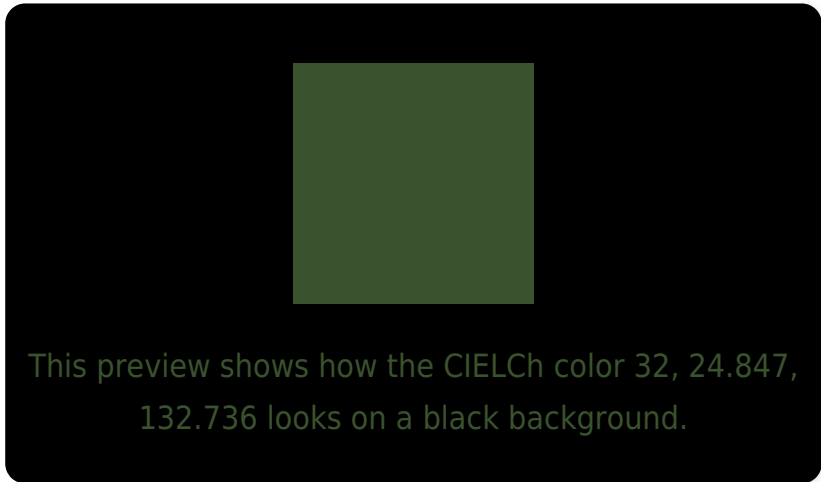
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

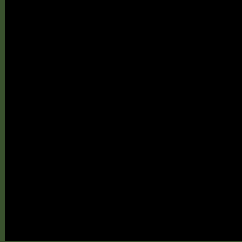
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

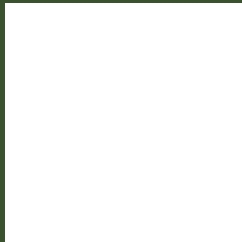
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 32, 24.847, 132.736

Background



This preview shows how black text looks on a background with the CIELCh color 32, 24.847, 132.736.



This preview shows how white text looks on a background with the CIELCh color 32, 24.847, 132.736.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

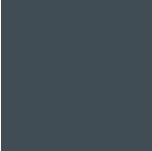
32, 24.847, 132.736

Protanopia

32, 20.218, 96.579

Deuteranopia

32, 17.724, 77.039



Tritanopia
32, 6.745, 240.179

Trichromacy



Original Color
32, 24.847, 132.736

Protanomaly
32, 20.513, 111.915

Deuteranomaly
32, 18.080, 103.771

Tritanomaly
32, 9.333, 160.444

Monochromacy



Original Color
32, 24.847, 132.736

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 9.041, 132.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 24.847, 132.736 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(58, 82, 46)` looks like.

```
.text, #text, p{  
    color:rgb(58, 82, 46)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(58, 82, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 82, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 24.847, 132.736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(58, 82, 46) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(58, 82, 46) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(58, 82, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 82, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 82, 46);  
box-shadow:4px 4px 4px 4px rgb(58, 82, 46)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 24.847, 132.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 82, 46) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(58, 82,  
46) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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